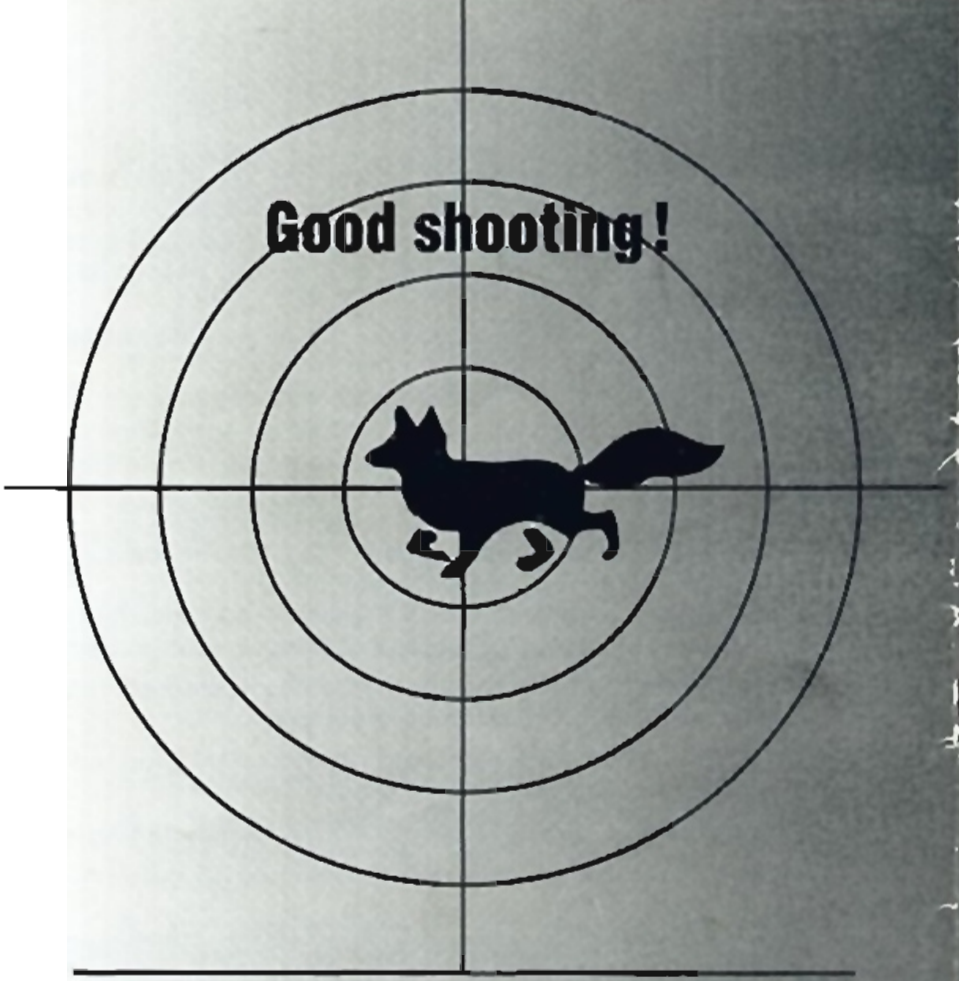

BRNO ARMS

ZBROJOVKA BRNO, a.s.

656 17 BRNO, Lazaretní 7

Czechoslovakia

SMALLBORE RIFLE

calibre .22 MAGNUM (WMR)

ZKM 611

semi - automatic

BRNO ARMS

Guarantee Certificate

The guarantee of the manufacturer relating to operation and precision extends over three years, relating to the finish of the metal parts one year, and relating to the butt and the forend six months from the purchase date or over the period for firing 5000 cartridges, whichever event occurs first.
The guarantee covers failures due to defects of material, to thermal processing, or to unsuitable manufacturing processes. The guarantee repair relates to the first buyer, who presents with the weapon the guarantee certificate, verified from the dealer.
In this case the transport of the weapon in original packing will be payd from manufacturer.
The guarantee does not comprise any responsibility for failures due to unprofessional repairs, careless or forcible handling, or unprofessional storage.

Model: ZKM 611

Caliber: 22 WMR

Serial number: .....

Name and address of buyer: .....

.....

Final inspection

ZBROJOVKA BRNO
[illegible]
BRNO, [illegible]
505
OTK

Date: .....
stamp/signature (seller)

Description of the weapon

- **System assembly - 890100**
  The barrel with forged bore is screwed into the breech casing. The barrel carries the front sight - continuously height adjustable, fixed with screw and protected with a guard, and the rear sight accommodated in a cross fish-tail adjustable in the crosswise direction and provided with a notch. The catch of the forearm, accommodated in a lengthwise fish-tail on the barrel, serves for attaching the foreend and the loop of the strap. The breech casing carries the ejector attached by screws. Further there is also a bolt stop, riveted to the breech casing, serving for the fixation of the breech in the system for transporting the weapon in knocked-down condition.
- **Breech casing - 890200**
  The case of the trigger mechanism accommodates the firing, and triggering mechanism, the disconnector, the safety mechanism, the cross bolt for fixing the assembly system. Within the trigger mechanism case there is a bed for inserting the magazine and the spring loaded magazine abutment. The central bolt for the butt serves to attach the butt with the strap loop to the trigger mechanism case.
- **Breech assembly - 890300**
  The breech, made of a high-quality steel forging, houses a spring provided extractor, a bolt hammer with the firing pin and a barrel return spring with guide. For transport purposes, as well as for the operation, breechin the assembly system is secured with the crosswise cocking lever.
- ***Magazine assembly - 890400 for 6 shots***
  The magazine body houses the cartridge feeder tensioned by the magazine spring. The correct inclination of the cartridge being fed is ensured by the planchette serving to guide the cartridges at the bullet as well as at the rim. The magazine body is closed by means of the magazine bottom secured by a nose of the magazine spring. Upon special order also a 2-cartridge magazine (891400) can be shipped - the stroke of the feeder in this version is limited with a stop welded to the magazine body or a 10-cartridge magazine (892400).

Instruction for use, maintenance, and operation

The self-loading smallbore rifle ZKM 611 is intended for hunting as wel as for sport shooting with .22 WMR caliber cartridges.
The .22 WMR is a high-performance rimfire cartridge with a full-jacketed or semi-jacketed bullet.
Any cartridge meeting the C.I.P. specifications can be used for shooting. However, the manufacturer recommends the usage of the original Winchester .22 WMR Super - X - .22 MAGNUM cartridges for

which the gun has been shot-in and with which the manufacturer guarantees proper functioning also under unfavourable climatic conditions; the arm underwent testing under + 50 °C - 40 °C in rain as well as in dusty environment.
Before starting to shoot wipe the surface of the gun including the bore and the cartridge chamber to make sure everything is dry.
The gun becomes loaded by inserting the magazine filled with the respective number of cartridges, and namely from the bottom into the receiver in the breech casing down to the stop, until the bolt stop 1 snaps. After having pulled the cocking handle to the rear position with subsequent releasing the same the gun is loaded and prepared to shoot.
The arm can be secured by shifting the safety 2, and namely by pushing it from the left hand side to the right hand side. The safety blocks the trigger and the breech in their front position. Accordingly, not even involuntarily, e. g. when handling the arm or when letting it fall, no undesirable shot may occur, or the gun can not get loaded by mistake when being carried with full magazine, but with no car-

tridge in the cartridge chamber.
If the magazine has been taken out, no shot can be fired. This safety protects the shooter against an accident that might otherwise occur during the cleaning, if there is a cartridge left in the cartridge chamber.
The gun is self-loading. Until all cartridges from the magazine are exhausted, a shot gets fired after every depressing of the trigger!

Disassembling the gun:

▶ Release the connecting screw 3 that is accessible at the left hand side of the system (890100).

- Take both parts apart by pulling the system away from the casing assembly in the direction of the barrel.
  In this condition the arm can be transported and, actually it is thus shipped in the transport package of the manufacturer.
- By depressing the breech stop that is riveted at the left bottom side of the breech casing release the latter.
- Pull the breech to the rear position, lower it, take out the cocking handle 4 by pulling the same and remove the breech from the system. The arm is prepared for cleaning.

Assembling the gun

- Insert the breech into the system, and namely to the position in which both holes for the cocking handle are aligned.
- Insert the cocking handle and push the breech in the direction to the barrel, until the bolt stop snaps.
- Put the system together with the casing assembly using the reverse procedure, then screw-in the connecting screw.

A few principles related to shooting:

- Use only higt-quality cartridges, without any signs of corrosion, taken out of original package and immediately loaded into the magazine.
- Do not use cartridges that have fallen down to the earth without thoroughly cleaning them, in particular the semi-jacketed ones with naked lead nose.
- Magazines - full as well as vacant - should be carried either in the gun or in a suitable case protecting them against any dirt.
- Protect your ears with suitable devices when shooting. Protect your eyes with spectacles.
- It is not recommended to shoot out of an oiled gun.

Cleaning of the gun

The barrel should be always cleaned from the side of the cartridge chamber by a cleaning rod with soft surface, with the aid of tow, cotton wool or a piece of soft, washed-down cotton fabric. Only lubricants with trade mark, recommended for guns, may be used for cleaning and preservation.
The bore and the cartridge chamber should be cleaned immediately after the shooting.
During the prototype testing the gun was tested by firing 500 shots without cleaning. After such number of shots it is advisable to clean the gun including the magazine, in order to ensure flawless operation.
Light preservation should be carried out after cleaning.
If the gun is not made use of, check its condition about once a month and renew the preservation, if necessary.
Metal brushes are not recommended for cleaning the gun. Use only soft (wooden, plastic) tools for removing any combustion products.

The manufacturer grants no guarantee for self-repaired or unprofessionally repaired arms.

It is advisable to have the gun revised and cleaned by a gunsmith's workshop once a year.

Observing the above principles and recommendations ensures failsafe operation and precision of the arm.

Charakteristics

Caliber	.22 WMR
Length of weapon	990 mm
Length of barrel	520 mm
Distance between sights	350 mm
Weight of weapon	2.8 kg
Type of feeding mechanism	Interchangeable magazine
Magazine capacity	6, 10 or 2 cartridges